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and the
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Curriculum Development*
Poster Presentation*

Cheryl G. Davis
P.O. Box 830007
Tuskegee, Alabama 36083
(334) 727-8335 Office
(334) 727-8259 Fax
davis@tusk.edu

TUSKEGEE UNIVERSITY GATEWAY ACHIEVEMENT PROGRAM (TUGAP)

The Tuskegee University Gateway Achievement Program (TUGAP) is an enrichment program that provides tutorial and enhancement activities in the gateway courses (math, science, and chemistry) to students in grades 7-12. TUGAP has two sessions, a Saturday Session during the academic school year and a six-week Summer Session. In addition to tutoring, mentoring, critical thinking, problem solving, and technology activities are incorporated. College instructors, high school teachers and college student tutors work with students on areas of weakness using a variety of activities. The Saturday Session focuses on content materials that are covered in the classroom. Students must bring the necessary supplies for review and assistance with homework as well as preparation for upcoming tests. There are also critical thinking and problem solving activities. The Summer Session focuses on weaknesses from the previous school year and preparation for the upcoming school year. Students must complete and present a project (determined by the faculty), utilizing critical thinking and problem solving skills. These projects are completed with assistance from college students. TUGAP participants get the opportunity to interact with other students as well as professionals. Also, as part of the summer session, TUGAP participants work with children from the Tuskegee-Macon County YMCA in the areas of math and science. YMCA children, assisted by TUGAP participants, do math and science experiments. In this poster presentation, I will describe the curriculum of TUGAP and how it is used to create a mentoring environment that enhances teamwork, critical thinking and problem solving while using gateway skills.